

IUCN SSC Peccary Specialist Group

2018 Report



Harald Beck



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Co-Chairs

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Location/Affiliation

- ⁽¹⁾ Department of Biological Sciences, Towson University, US
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Number of members

41

Social networks

Facebook:

IUCN Peccary Specialist Group

Website:

[https://sites.google.com/site/wildpigspecialistgroup/iucnssc-wild-pig-specialist-group/suiform-soundings-2;](https://sites.google.com/site/wildpigspecialistgroup/iucnssc-wild-pig-specialist-group/suiform-soundings-2)

<https://sites.google.com/site/wildpigspecialistgroup/iucnssc-wild-pig-specialist-group>



Mission statement

The overall aim of the Peccary Specialist Group is to promote the long-term conservation of peccaries and their natural habitats, and the recovery or restoration of peccary species, populations and communities. The specific objectives are: (1) contribute to peccary conservation through management and research, (2) consolidate the group of researchers and other people interested in the biology, conservation and management of peccaries, and (3) foster communication, coordination, collaboration and exchange of information.

Projected impact for the 2017-2020 quadrennium

We are focusing on the most endangered, endemic species in the Chaco region. We are uniting efforts with organisations that are addressing large scale deforestation and land title issues. We aim at promoting more awareness about the importance of this and the other species as ecosystem engineers.

Targets for the 2017-2020 quadrennium

Assess

Red List: re-assess threat levels for White-lipped Peccary (*Tayassu pecari*).

Research activities: (1) obtain the most recent population density estimates of White-lipped Peccary across their geographical range; (2) conduct a research project on the mating system of White-lipped Peccaries utilising genetic samples from a large geographical region.

Act

Conservation actions: (1) continue the implementation in the field of the Chacoan Peccary (*Catagonus wagneri*) Conservation Plan, which was published in 2016; (2) conduct a research project on the reintroduction of Collared Peccaries (*Pecari tajacu*) in South America.

Network

Synergy: have a new Red List Coordinator as soon as possible.

Communicate

Communication: reach a wider audience by further developing a shared homepage with the Hippo Specialist Group.

Activities and results 2018

Assess

Red List

i. We are starting to discuss a reassessment workshop for White-lipped Peccary. (KSR #2)

Research activities

i. Research is being conducted on population density estimates of White-lipped Peccary across their geographical range, but results have not yet been published. (KSR #12)

ii. A major achievement was research on the mating system of White-lipped Peccaries utilising genetic samples from a large geographical region. These findings not only provide new insights into our understanding of the evolution of the mating system in this unusual species but may also be critical for conservation. Publications from this research include: (1) Leite, D.A., *et al.* (2018). Genetic evidence of promiscuity in a mammal without apparent sexual dimorphism, the white-lipped peccary (*Tayassu pecari*). *Mammalian Biology* 92:111–114; and



Dr. Alexine Keuroghlian and her team installing a trap for peccary in Brazil
Photo: Maria Luisa S. P. Jorge



Dr. Cecile Hansen and her research team studying spatial ecology of white-lipped peccaries (*Tayassu pecari*) in French Guiana
Photo: ONCFS

(2) Maciel, F.G., *et al.* (2019). Genetic diversity and population structure of white-lipped peccaries (*Tayassu pecari*) in the Pantanal, Cerrado and Atlantic Forest from Brazil. *Mammalian Biology* 95:85–92. (KSR #12)

Act

Conservation actions

- i.** Progress is being made in implementing the actions of the Chacoan Peccary Conservation Plan. (KSR #27)
- ii.** Cindy Hurtado and colleagues were involved in the first-ever successful reintroduction of Collared Peccaries in South America. This research provides valuable guidelines for future reintroductions and critical contributions to species conservation. Publications from this research include: (1) Hurtado, C.M., Beck, H. and Thebpanya, P. (2018). From exploration

to establishment: Activity changes of the first collared peccary (*Pecari tajacu*) group reintroduced in South America. *Hystrix* 29:1–3; and (2) Hurtado, C.M., Beck, H., Thebpanya, P. and Altrichter, M. (*in review*). Spatial patterns of the first groups of collared peccaries (*Pecari tajacu*) reintroduced in South America. (KSR #24)

Communicate

Communication

- i.** A shared homepage with the Hippo Specialist Group is still in development. (KSR #28)

Acknowledgements

We acknowledge Proyecto Quimilero in the Argentine Chaco, for significant progress leading a large movement of organisations to address issues of land use planning and deforestation.

Summary of activities 2018

Species Conservation Cycle ratio: 3/5

Assess 3 █ █ █

Act 2 █ █

Communicate 1 █

Main KSRs addressed: 2, 12, 24, 27, 28

KSR: Key Species Result